

Amendments to the Specification

1. Please amend the first full paragraph of page 4 of the English language specification (immediately preceding the "Brief Description of the Drawing" section) as follows:

That is, the present invention is a radiation detection device comprising a CsBr crystal as a scintillator and a photoelectron multiplier tube for receiving a light from the scintillator, wherein the photoelectron multiplier tube ~~detects a light of a wavelength of from 300 to 500 nm, and~~ has a sensitivity permitting the detection of a single-photon, a half bandwidth of 30 ps or less relative to the single-photon and a light-receiving area of 10 mm² or more. The attenuation time of this scintillator is 50 ps or less.

2. Please amend page 5 of the specification to insert the following new paragraph, immediately before the heading "Embodiments of the Invention".

Figure 5 is a graphical representation of CsBr scintillation intensity over a range of wavelengths from 250 to 750 nanometers.

3. Please amend page 6 of the English language specification, immediately after the headings "Example 1" and "Measurement device", as follows:

A CsBr crystal (Korth Kristalle manufactured by GMBH, impurity 0.22 mol%) was used as a scintillator. Its components are Cs and Br in an atom ratio of 1:1. The crystal structure is of the CsCl type. The size is 8 mm \times 8 mm. It is a polished article.